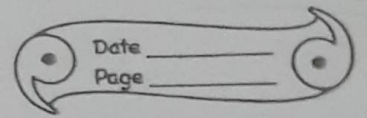


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HW



Oral questions

choose the correct answer.

1. When the fulcrum is in between the load and the effort it is a first class / second class / third class lever

2. A pulley / screw / lever is a small wheel with a groove around its outer edge.

3. A pulley does not reduce the effort. It changes the ~~dir~~ direction / magnitude of applied force.

A. Tick (✓) the correct answer.

1. We are able to stay on the ground because of

a. Gravitational force

2. A screw jack is used to lift a car is a

d. Screw

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3. The most readily available source of energy is

b. Solar energy

4. The upward push of water on a floating object is called

a) Buoyant force

B. Fill in the blanks

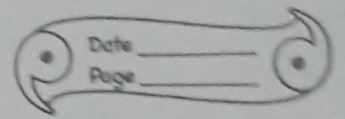
1. Most simple machines make use of Mechanical force.

2. There is no Gravitational force in space.

3. Simple machines change the direction of force or increases of the applied force.

4. A moving car possesses mechanical energy due to its motion or Kinetic energy.

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4. A moving car possess mechanical energy due to its motion or Kinetic energy.

5. An inclined plane is a Slope which makes work easier.

● C change the underline words to correct these statements.

1) A Stretched rubberband regains its original position on being released because of gravitational force.

Ans A Stretched rubberband regains its original position on being released because of Elastic force.

2) Geothermal energy is a non-renewable source of energy?

Ans Geothermal energy is a renewable source of Energy.

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3. The pulley used for drawing water from a well is a movable pulley.

Ans) The pulley used for drawing water from a well is a fixed pulley.

4. Simple machines make our work complicated.

Ans) Simple machines make our work easy.

5. ~~How~~ we are able to walk because of elastic force.

Ans) we are able to walk because of gravitational force.